

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N33/483

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | <p>CALABI LUISELLA ET AL: "Application of high-resolution magic-angle spinning NMR spectroscopy to define the cell uptake of MRI contrast agents." JOURNAL OF MAGNETIC RESONANCE (SAN DIEGO, CALIF. : 1997) JUN 2002, vol. 156, no. 2, June 2002 (2002-06), pages 222-229, XP004408028 ISSN: 1090-7807 cited in the application page 222, columns 1,2 page 223, columns 1,2 page 226, column 2 page 228, column 1</p> <p style="text-align: center;">----- -/--</p> | 1,2,4-7, 10-14 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

22 July 2005

Date of mailing of the international search report

01/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | <p>CALABI LUISELLA ET AL: "Application of ^1H and ^{23}Na magic angle spinning NMR spectroscopy to define the HRBC up-taking of MRI contrast agents." JOURNAL OF MAGNETIC RESONANCE (SAN DIEGO, CALIF. : 1997) SEP 2003, vol. 164, no. 1, September 2003 (2003-09), pages 28-34, XP000447493 ISSN: 1090-7807 cited in the application the whole document columns 1-2 page 32, column 2 page 33, column 2 page 34, column 1</p> | 1,2,4-7, 10-14 |
| A | <p>FREDLUND E ET AL: "Metabolite profiles of the biocontrol yeast <i>Pichia anomala</i> J121 grown under oxygen limitation" APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol. 64, no. 3, 5 November 2003 (2003-11-05), pages 403-409, XP002288455 ISSN: 0175-7598 page 403, columns 1,2 page 408, column 1</p> | 1-14 |
| A | <p>HUMPFER E ET AL: "Direct observation of resolved intracellular and extracellular water signals in intact human red blood cells using ^1H MAS NMR spectroscopy." MAGNETIC RESONANCE IN MEDICINE : OFFICIAL JOURNAL OF THE SOCIETY OF MAGNETIC RESONANCE IN MEDICINE / SOCIETY OF MAGNETIC RESONANCE IN MEDICINE. AUG 1997, vol. 38, no. 2, August 1997 (1997-08), pages 334-336, XP001182273 ISSN: 0740-3194 the whole document</p> | 1-14 |
| A | <p>WO 00/13020 A (TRELLIS BIOINFORMATICS INC) 9 March 2000 (2000-03-09) the whole document</p> | 1-14 |
| A | <p>BOLLARD M E ET AL: "A study of metabolic compartmentation in the rat heart and cardiac mitochondria using high-resolution magic angle spinning ^1H NMR spectroscopy" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 553, no. 1-2, 9 October 2003 (2003-10-09), pages 73-78, XP004463455 ISSN: 0014-5793 the whole document</p> | 1-14 |

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
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| WO 0013020 | A | 09-03-2000 | US | 6057092 A | 02-05-2000 |
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